

Docket No. DP-304351

## TWIN-TUBE MAGNETORHEOLOGICAL DAMPER

### ABSTRACT OF THE DISCLOSURE

A magnetorheological damper includes an inner tube, a magnetorheological piston, and an outer tube. The magnetorheological piston is located within and slideably engages the inner tube. The outer tube surrounds  
5 the inner tube. The outer tube is in fluid communication with the inner tube.